

TREE AND SHRUB PLANTING SCHEDULES

PROJECT NAME:
PROJECT DOCUMENT NO.:

Felthorne House, College Road, Caerleon
218 270 Plant Schedule



DATE: 18 November 2025

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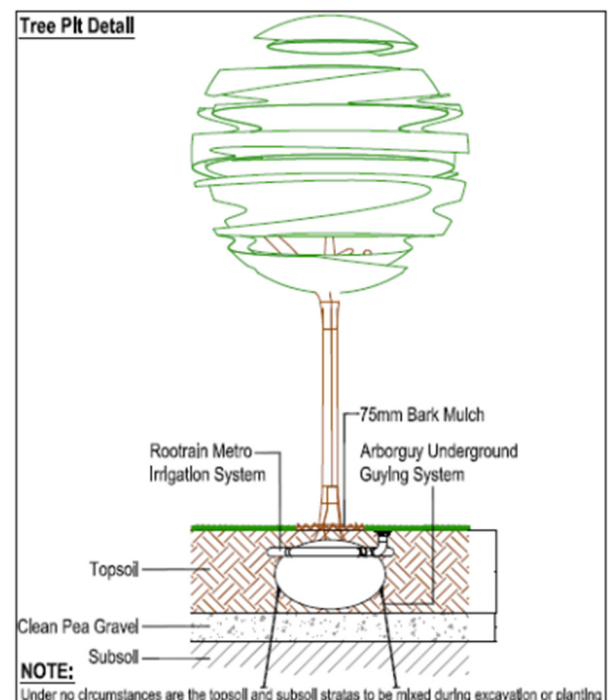
TREE PIT SPECIFICATION

All Tree Areas to be Capped with a Minimum Thickness of 600 mm and Shrub Areas 450 mm of Clean Imported Top Soil (British Standard **BS 3882 2015**)

Tree Root Pits should allow for a 900mm depth soil profile with the lower 600/700mm comprising subsoil and the imported soil needs to be specific for the proposed trees. Where imported planting soils are proposed, full specification details shall be provided including the parameters for all imported planting soils, a soil scientists interpretive report demonstrating that the imported soil parameters need to be suitable for the planting types proposed with a free draining sandy loam with a pH on placement of no higher than 7.0, but preferably in the 'acid' range - 6.0 and lower would be suitable, combined with 50mm bark mulch (coniferous acceptable for evergreen planting) tapering to 25mm over root-ball.

Tree Pits/Planting Methodology:

- Planting depths to account for settlement (up to 6cm shallower than root-ball for container stock).
- Stock to be compliant with Table 1, p.21, BS 8545.
- Wrappings to be removed unless fully biodegradable (e.g. single skin untreated hessian) and root-ball friable due to soil texture, in which case remove upper third on backfilling.
- Triple staking with hessian ties favoured for larger stock, double staking ineffective. Single or double oblique staking for smaller stock with rubber tie and spacer. All supports to be removed by the end of second planting season or when sufficient root anchoring has been established.
- Clear irrigation programme for 5 years post planting, explaining how water will get to root-ball in early stages (critical) - specify methods including capped irrigation pipes, bags etc. This is to be arranged through the 'defects liability period – typically first 12 months after planting, the continued watering after defects completion will need to continue by the homeowner thereafter.
- Post Defects Period - Planting aftercare method to include irrigation, stake adjustment and removal, formative pruning to BS 3998:2010 and mulch maintenance.
- There must be no planting substitutions without Landscape Architect and LPA approval.
- The project Landscape Architect should report to the LPA on completion of landscaping to demonstrate implementation as approved.
- Soil handling of on-site generated or imported soils should be specifically separated in to subsoil and top soil). If the soil is to be stored for any long duration (longer than approx. 4 weeks) the soil should be put into mounds that are no greater than 1.5m and should be covered with a membrane to reduce contamination with weed seeds etc.
- Percolation tests as per BS 8545:2014 must be undertaken pre-planting to demonstrate free draining soils.
- Tree Protection of existing on-site trees – refer to Arboriculture Statement and are typically Heras Fencing with suitable metal supports and metal ties etc. located along the edge of the Tree Root Protection Area.



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Trees

INITIALS	SPECIES	COMMON NAME	SIZE		Height	No.	RATE	TOTAL
			Girth	Breaks/branch				
BP	Betula pendula	Silver Birch	8-10 cm	Clear stem 2m	H – 2.4-3.5m	1		
AC	Acer campestre	Rowan	8-10 cm	Clear stem 2m	H – 2.4-3.5m	2		
LT	Liriodendron tulipifera	Tulip Tree	10-12cm	Clear stem 2m	H – 3-3.5m	1		

Hedge Planting – 46 Linear Metres

SPECIES	COMMON NAME	SIZE			%	No.	RATE	TOTAL
		Pot size/litres	Plant size/cms	Breaks/branch				
Prunus laurocerasus 'Rotundifolia'	Cherry Laurel	RB	60-90cm		100	322		

Double staggered hedgerow set 50cms apart with 7 plants per linear metre and planted in groups of 3 individual species.

Hedging plants to be protected with spiral guards and supported with bamboo stakes (or similar).
Mulch the new planting with 75mm good quality bark mulch.

Shrub Area 1 (5 plants per m²) – 05 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
	Genista lydia	Broom	3Lt	30-40	S (0.1–0.5)		5		
	Geranium macrorrhizum	Geranium	2Lt	10-20	S (0.5m)		15		
	Hypericum 'Hidcote'		2Lt	30-40	Groundcover		5		
	Euonymus Em & Gold'		2Lt	20-30	S (0.1–0.5)		3		
	Symphoricarpus chem 'Hancock'	Snowberry	2 Lt	20-30	S (0.1–0.5)		3		
	Spirea jap. 'Goldflame'	Spirea	2Lt	10-20	S (0.5m)		3		
	Viburnum davidii	Viburnum	5Lt	30-40	M (1–1.5)		3		
	Vinca major	Periwinkle	9cm pots	10	Groundcover		15		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².

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Shrub Area 2 (5 plants per m²) – 11 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
CaP	Choysia 'Aztec Pearl'	Choysia	5 Lt	40-50	L (1.5–2.5)		3		
FD	Fuchsia 'Doctor Foster'	Fuchsia	2Lt	20-30	S (0.1–0.5)		5		
HH	Hedra helix	Ivy	9cm pots	10	Groundcover		15		
HM	Hebe majorie	Hebe	5Lt	30-40	L (1.5–2.5)		3		
Hide	Hypericum 'Hidcote'		2Lt	30-40	S (0.1–0.5)		7		
VD	Viburnum davidii	Viburnum	5Lt	30-40	M (1–1.5)		3		
VM	Vinca major	Periwinkle	9cm pots	10	Groundcover		15		
CAS	Cornus alba' Siberica'	Dog wood	5Lt	40-50	L (1.5–2.5)		3		
HAR	Hebe albicans 'Red Edge'		5Lt	40-50	L (1.5–2.5)		5		
KLM	Knophofia "Little Maid"		2Lt	20-30	S (0.1–0.5)		7		
MSU	Miscanthus sinebsis 'Undine'		2Lt	20-30	S (0.1–0.5)		7		
PMH	Philadelphus 'Mateay d'Hermine'		5Lt	40-50	L (1.5–2.5)		3		
RFG	Rudbeckia fulgida 'Goldsturm'		2Lt	20-30	S (0.1–0.5)		7		
SV	Spirea vanhouttei		5Lt	20-40	M (1–1.5)		3		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².

Shrub Area 3 (5 plants per m²) – 08 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
CaP	Choysia 'Aztec Pearl'	Choysia	5 Lt	40-50	L (1.5–2.5)		1		
FD	Fuchsia 'Doctor Foster'	Fuchsia	2Lt	20-30	S (0.1–0.5)		3		
HH	Hedra helix	Ivy	2Lt	10	Groundcover		10		
HM	Hebe majorie	Hebe	5Lt	30-40	M (1–1.5)		3		
Hide	Hypericum 'Hidcote'		2Lt	20-30	S (0.1–0.5)		7		
VD	Viburnum davidii	Viburnum	5Lt	30-40	M (1–1.5)		3		
VM	Vinca major	Periwinkle	9cm pots	10	Groundcover		15		
CAS	Cornus alba' Siberica'	Dog wood	5Lt	40-50	L (1.5–2.5)		3		
HAR	Hebe albicans 'Red Edge'		5Lt	40-50	L (1.5–2.5)		3		
KLM	Knophofia "Little Maid"		2Lt	20-30	S (0.1–0.5)		5		
MSU	Miscanthus sinebsis 'Undine'		2Lt	20-30	S (0.1–0.5)		5		
PMH	Philadelphus 'Mateay d'Hermine'		5Lt	40-50	L (1.5–2.5)		3		
RFG	Rudbeckia fulgida 'Goldsturm'		2Lt	20-30	S (0.1–0.5)		5		
SV	Spirea vanhouttei		5Lt	20-40	M (1–1.5)		3		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².

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Shrub Area 4 (5 plants per m²) – 09 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
EM	Euonymus 'Em. Gaiety		2Lt	30-40	M (1–1.5)		5		
FD	Fuchsia 'Doctor Foster'	Fusia	5Lt	25-30	M (1–1.5)		4		
GL	Genista lydia	broom	2Lt	30-40	S (0.1–0.5)		5		
GM	Geranium macrorrhizum	Geranium	9cm pots	10	Groundcover		15		
HM	Hebe majorie	Hebe	5Lt	30-40	M (1–1.5)		5		
HH	Hedra helix	Ivy	9cm pots	10	Groundcover		15		
MC	Mahonia x Charity	Mahonia	7.5Lt	60-80	L (1.5–2.5)		3		
PY	Phormium 'Yellow Wave'	Yellow Weave	7.5Lt	50-60	L (1.5–2.5)		5		
RO	Rosmarinus officialis	Rosemary	2Lt	25-30	S (0.1–0.5)		15		
VD	Viburnum davidii	Viburnum	5Lt	30-40	L (1.5–2.5)		7		
VM	Vinca minor	Periwinkle	9cm pots	10	Groundcover		15		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².

Shrub Area 5 (5 plants per m²) – 11 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
EM	Euonymus 'Emerald Gaiety	Spindle	2Lt	30-40	M (1–1.5)		7		
FD	Fuchsia 'Doctor Foster'	Fusia	5Lt	25-30	M (1–1.5)		9		
GL	Genista lydia	broom	2Lt	30-40	S (0.1–0.5)		5		
GM	Geranium macrorrhizum	Geranium	9cm pots	10	Groundcover		21		
HM	Hebe majorie	Hebe	5Lt	30-40	M (1–1.5)		9		
HH	Hedra helix	Ivy	9cm pots	10	Groundcover		21		
MC	Mahonia x Charity	Mahonia	7.5Lt	60-80	L (1.5–2.5)		7		
PY	Phormium 'Yellow Wave'	Yellow Weave	7.5Lt	50-60	L (1.5–2.5)		7		
RO	Rosmarinus officialis	Rosemary	2Lt	25-30	S (0.1–0.5)		21		
VD	Viburnum davidii	Viburnum	5Lt	30-40	L (1.5–2.5)		7		
VM	Vinca minor	Periwinkle	9cm pots	10	Groundcover		21		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².

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Shrub Area 6 (5 plants per m²) – 05 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
	Buddleja davidii 'Royal Red'	Buddleia	5 Lt	40-50	L (1.5–2.5)		3		
	Viburnum pilcatum 'Manesii'		5Lt	30-40	M (1–1.5)		5		
	Philadelphus 'Beauclerk'		5Lt	30-40	M (1–1.5)		7		
	Hibiscus rosa sinensis 'President'		5Lt	30-40	M (1–1.5)		7		
	Fushia 'Celia Smedley'		5Lt	30-40	M (1–1.5)		3		
	Hedra helix	Ivy	9cm pots	10	Groundcover		15		
	Vinca major	Periwinkle	9cm pots	10	Groundcover		15		
	Geranium macrorrhizum	Geranium	9cm pots	10	Groundcover		12		
	Lavandula angustifolia		2Lt	15	S (0.5m)		15		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².

Shrub Area 7 (5 plants per m²) – 19 m²

INITIALS	SPECIES	COMMON NAME	SIZE			NOTES	No.	RATE	TOTAL
			Pot size/litres	size/cms	Height				
	Buddleja davidii 'Royal Red'	Buddleia	5 Lt	40-50	L (1.5–2.5)		7		
	Forsythia x intermedia 'Spect'		5Lt	30-40	M (1–1.5)		9		
	Syringea 'Mme Florent Stepman'	Lilac	5Lt	40-50	L (1.5–2.5)		9		
	Viburnum pilcatum 'Manesii'		5Lt	30-40	M (1–1.5)		9		
	Cornus alba 'sibirica'		5Lt	40-50	L (1.5–2.5)		11		
	Philadelphus 'Beauclerk'		5Lt	30-40	M (1–1.5)		9		
	Cytisus scoparius f. andreanus		5Lt	30-40	M (1–1.5)		15		
	Hibiscus rosa sinensis 'President'		5Lt	30-40	M (1–1.5)		11		
	Fushia 'Celia Smedley'		5Lt	30-40	M (1–1.5)		9		
	Fushia Nellie Nuttall		5Lt	30-40	M (1–1.5)		7		
	Hedra helix	Ivy	9cm pots	10	Groundcover		35		
	Vinca major	Periwinkle	9cm pots	10	Groundcover		25		
	Geranium macrorrhizum	Geranium	9cm pots	10-20	S (0.5m)		25		
	Lavandula angustifolia	Lavander	2Lt	15	S (0.5m)		31		

Amenity planting to be planted in single species groups of 3 and at 5 plants per metre².